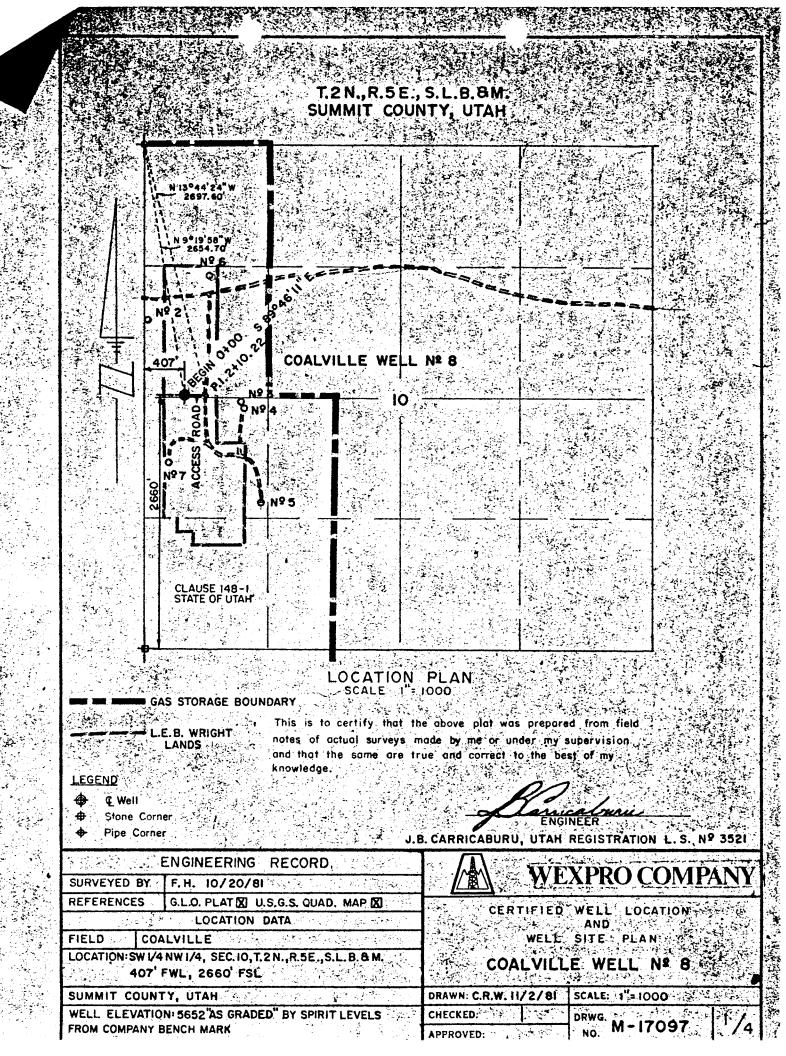
# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

## SUBMIT IN TRIPLICATE\* (Other instructions on reverse side)

5. Lease Designation and Serial No.

					Fe <b>e</b>	
APPLICATION F	OR PERMIT TO	DRILL, DEEP	EN, OR PLUG	BACK	6. If Indian, Allottee	or Tribe Name
la. Type of Work  DRILL		SEEDENI 🗆	DILIC P	ACK []	7. Unit Agreement Na	me
b. Type of Well	<u>A</u>	DEEPEN [	PLUG B	ACK []		
Oil Gas Well	Other Ga	s Storage		ultiple	8. Farm or Lease Nar	ne
2. Name of Operator					Coalville	
Wexpro Company  3. Address of Operator					9. Well No.	
	, Rock Sprin	gs. Wvom <b>in</b> g	82901	-	10. Field and Pool, or	Wildcat
4. Location of Well (Report l						Gas Storag
At surface SW NW	2660' FSL, 4	07' FWL		-	11. Sec., T., R., M., of and Survey or Are	or Blk. ea
At proposed prod. zone					10-2N-5E.,	SLB&M
14. Distance in miles and dire	ection from nearest town	or post office*			12. County or Parrish	13. State
	ast of Coalvill	.e, Utah			Summit	Utah
15. Distance from proposed* location to nearest	/ 1	16. 1	No. of acres in lease	17. No. of to this	acres assigned well	
Froperty or lease line, ft. (Also to nearest drlg. line,	if any)		N/A		N/A	
<ol> <li>Distance from proposed to to nearest well, drilling, or applied for, on this lead</li> </ol>	ompleted, At / A	19. 1	Proposed depth 2495	_	or cable tools Otary	
21. Elevations (Show whether	DF, RT, GR, etc.)				22. Approx. date wo	
GR 5652			<u></u>		Upon appro	ova1
23.	PR	OPOSED CASING AN	D CEMENTING PROGR	AM	,	
Size of Hole	Size of Casing	Weight per Foot	Setting Depth		Quantity of Ceme	nt
17-1/2	13-3/8	40	110	95	sx reg G w/3%	CaC1
12-1/4	9-5/8	36	800	500	sx reg G w/3%	CaCl
at 1500' (Frontie 1940' to 2120' to 2120' to 2120' to 2120' (Frontie 1940' to 2120' to 212	Frontier observations of ace casing to equirements will log. All ram to installed. It is expected at 35 o. 148-1 State orage area.	ation zone). total depth. L be based on Type BOP's wi No hydrogen s 50-550'. Coa of Utah which	Logs: DIL, B Run 2495' of actual hole s Ill have hand w sulfide. Il is present in provides for	HC/GR, F 7", 20# ize as d heels in n small the dril	DC/CNL, and He, K-55, 8rd to etermined by stalled and conseams through ling of additional productive zone and	HDT Hd, ST&C caliper operative nout the cional
Signed	Maser	Title	rilling Sup <b>e</b> ri	ntendent	Date No	ov. 6, 1981
(This space for Federal or	State office use)			11112	CLE LEVE	
Permit No	D DV THE DO		Approval Date	1		<u>**</u>
Approved F. Oll., C	D B <b>Y THE DIV</b> IAS, AND MIN 2-11-8/			N	0V10188	*
DATE: 1	of Alle				DIVISION OF	
D1. 2001.		Coo instruction	s On Reverse Side	Cill.	, GAS & MINING	



### \*\* FILE NOTATIONS \*\*

DATE: November 13,1981
OPERATOR: Wexpro company
WELL NO: <u>Coalville</u> #8
ocation: Sec. 10 T. an R. 38 County: Summit
File Prepared:   Entered on N.I.D:
Card Indexed: Completion Sheet:
API Number 43-043-30/92
CHECKED BY:
Petroleum Engineer: M.S. Minder 12-11-81
Director:
Administrative Aide:
APPROVAL LETTER:
Bond Required: / / / Survey Plat Required: / /
Bond Required: Survey Plat Required: Survey
Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site
Lease Designation Jee Plotted on Map
Approval Letter Written
Hot Line P.I.

### DIVISION OF OIL, GAS AND MINING

### SPUDDING INFORMATION

NAME OF COMPANY: Wexpro	
WELL NAME: Coalville #8 (Gas Storage)	
SECTION SWNW 10 TOWNSHIP 2N RANGE	5E COUNTY Summit
DRILLING CONTRACTOR - Prairie Drilling Co	2
RIG #1	
SPUDDED: - DATE 12-10-81	
TIME 9:30 AM	
How Rotary	
DRILLING WILL COMMENCE	-
REPORTED BY Paul Zubatch	•
TELEPHONE # (307) 382-9791	-
DATE December 11, 1981	SIGNEDas

#### December 14, 1981

Wexpro Company
P. O. Box 1129
Rock Springs, Wyoming 82901

RE: Well No. Coalville #8
Sec. 10, T. 2N, R. 5E,
Summit County, Utah

Insofar as this office is concerned, approvel to drill the above referred to as gassstorage well is hereby granted in accordance with the order issued in Cause No. 148-1 dated March 14, 1973.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer

Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after frilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is #5-043-30192.

Sincerely,

DIVISION OF OIL, GAS AND MINING

14 of Munda

Michael T. Minder Petroleum Engineer

MTM/as

Encl. cc: USGS

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUL CAS AND MINING

SUBMI' TRIPLICATE\*
(Other statements on reverse side)

	ON OF OIL, GAS, AND M		5. LEASE DESIGNATION	ON AND SERIAL NO.
SUNDRY NOTION (Do not use this form for proposa Use "APPLICA"	CES AND REPORTS		Fee 6. IF INDIAN, ALLOT	TEB OR TRIBE NAME
1.	TON TON TENMINE TO SUCH	proposate.)	7. UNIT AGREEMENT	EMAN
OIL GAS OTHER	Gas Storage			
2. NAME OF OPERATOR			8. FARM OR LEASE )	
Wexpro Company			Coalvi	lle
8. ADDRESS OF OPERATOR			9. WELL NO.	
P. O. Box 1129, 4. LOCATION OF WELL (Report location cle	Rock Springs, Wyom	ing 82901	8 10. FIELD AND POOL	09 WITEGAM
See also space 17 below.)	arry and in accordance with an	ly state requirements.	1974 C	Gas Storage
			11. SEC., T., B., M., O	
SW NW 2660' FSL, 40	17 FWI.	- 1/2 On 1860	SUBVEY OR AN	BA
5W WW 2000 1523 40	,, - 142		10-2N-	SE., SLB&M
14. PERMIT NO.	15. BLEVATIONS (Show whether	DF, RT, GR, etc.)	12. COUNTY OR PARI	SH 18. STATE
API_#: 43-043-30192	KB 5663.60' G	R 5652'	√ Symmit	Utah
16. Chark Apr	propriate Box To Indicate	Nature of Notice, Report,	or Other Data	
NOTICE OF INTENT		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UBSEQUENT REPORT OF:	
ROTICE OF INTENT	10A TO:	31	DESEQUENT REPORT OF:	
	JLL OR ALTER CASING	WATER SHUT-OFF	REFAIRING	<del>- 1</del>
	ULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING	1-1
<del></del>	BANDON*	SHOUTING OR ACIDIZING	G ABANDONA	ENT'
(Other) Supplementary H	Higtory Y	(Other)(Note: Report r	esults of multiple completio	n on Well
17. DESCRIBE PROPOSED OR COMPLETED OPER. proposed work. If well is direction nent to this work.) *	ATIONS (Clearly state all pertine	ent details, and give pertinent	ecompletion Report and Log dates, including estimated d vertical depths for all mark	ate of starting any
Depth 2380', rig release Spudded December 10, 1 casing at 132.94' KBM, ran 1" pipe to 60' and	1981 at 9:30 a.m., set with 170 sack I cemented with 50	landed 13-3/8", 54 s regular G cement sacks regular G ce	.5#, K-55, 8rd tl with 3% calcium ment treated witl	chloride, n 3%
calcium chloride, retu Landed 9-5/8", 36#, K- regular G cement with 40' and cemented with 12-21-81 at 9:45 p.m.,	-55, 8rd thd, ST&C 3% calcium chlorid 14 sacks cement, r	casing at 1002.65' le and 1/4# flocele returned slurry to	KBM, set with 30 per sack, ran 1	81 sacks ' pipe to
18. I hereby certify that the foregoing is SIGNED	Lui TITLE	Asst Drlg Supt	DATE1	-12-82
APPROVED BY	TITLE		DATE	
CONDITIONS OF APPROVAL, IF AN	IX:			

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUR CASE AND MINING

SUBMIT IN PLICATE\*
(Other insu-ctions on reverse side)

	IN OF OIL, GAS, AND		Г	5. LEASE DESIGNAT	ION AND SERIAL NO.
2.0.0.0	it of oie, and, Alte			Fee	
SUNDRY NOTI	CES AND REPORT	S ON WELLS	-	6. IF INDIAN, ALLO	TTES OR TRIBE NAME
(Do not use this form for propose Use "APPLICA"	ils to drill or to deepen or prion FOR PERMIT—" for s	olug back to a different reser	voir.	_	
OIL GAS OTHER	Gas Storage	DE GIELL	VF	HIT AGEBRABAT	· NAME
2. NAME OF OPERATOR			7	ARM OR LEASE	
Wexpro Company 3. ADDRESS OF OPERATOR		JAN 26	1982	Coalvi	TTE
D O Por 1120	Rock Springs, Wy	oming 82901		8. <b>Wall No.</b>	
4. LOCATION OF WELL (Report location cle See also space 17 below.)	arly and in accordance with	any State required 1	I OF	10. PIELD AND POOL	, OR WILDCAT
At surface		OIL, GAS &	MINING _		Gas Storage
		0.4, 0.10 0.1		11. SEC., T., R., M., ( SURVEY OR A	or blk. And Rea
SW NW 2660' FSL, 40	7' FWL		1	10-2N-	5E., SLB&M
14. PERMIT NO.	15. BLEVATIONS (Show wheth	er DF, RT, GR, etc.)		10-2N- 12. COUNTY OR PAR	
API #: 43-043-30192	KB 5663.60'	GR 5652'		Summit	Utah
16. Check Apr	propriate Box To Indica	te Nature of Notice, Re	port, or Ot	ner Data	
NOTICE OF INTENT	•	1	•	IT REPORT OF:	
		VII		REFAIRIN	
	ULTIPLE COMPLETE	WATER SHUT-OFF FRACTURE TREAT		ALTERIN	<u> </u>
	BANDON*	SHOUTING OR ACT		ABANDON	<del></del>
REPAIR WELL CI	IANGE PLANS	(Other)			
(Other) Supplementary H	listory X	(Note: Rej Completion	ort results of or Recomplet	multiple completion Report and Log	on on Well form.)
Landed 7", 20#, K-55, Pozmix cement with 2% throughout, cement in TD 2380', PBD 2325', 1	gel, 1/4# flocel place on January	e and 2% calcium 8, 1982.	chloride	with 220 s	acks 50-50 rns
Rigged up work over ri 2150.75', perforated t rig released January	from 2178' to 222	eaned out to 2325 O' with 2 holes p	', lande er foot,	d 3-1/2" tu flowed wel	bing at .1 5 minutes,
18. I hereby certify that the foregoing is  SIGNED	SES TITLE	Drilling Supt.		_ DATBJa	an. 22, 1982
, <u> </u>				T) A minh	
CONDITIONS OF APPROVAL, IF AN	TITLE .		,	DATE	

# STATE OF UTAH SEE other On revo

SUBMIT IN DUPLIC	3*
(See other instructions	3
on reverse side)	

					5
5.	LEASE	DESIGNATION	AND	SERIAL	NO.

								~	F	ee		
WELL CO	MPLETI	ION C	OR RECO	MPLE	TION I	REPORT	AND	Q) G	6. II	INDIAN,	ALLOTTI	EE OR TRIBE NAM
1a. TYPE OF WEI		0110	GAS WELL	Ξ-		Other GAS	//			NIT AGRE	EMENT !	NAME
b. TYPE OF COM	PLETION:	WELL DEEP-	PLUG		DRY [_]	Other <u>GAS</u>	-32	100	28/	<b>Ì</b> >.		., .,
NEW X	OVER L	EN	☐ BACK	RE	SVR.	Other			_   " {		EASE NA	.ME
2. NAME OF OPERA	rok							`` <i>i</i>	$\frac{1}{2} \int_{0}^{\infty} \frac{C}{r}$	02.111		,
Wexpro 3. ADDRESS OF OPE P. O. B 4. LOCATION OF WE At surface At top prod. int	Company	У					011	DIVI	~\\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			
P. O. B	ox 1129	9,	Rock Sp	rings	, Wyom:	ing 829	014,	SASION	10. I	TIELD	POOL, (	OR WILDCAT
4. LOCATION OF WE	LL (Report	location c	learly and in	accordan	ce with an	y State requi	rements	770 g	Op 0	oalvi	.11e G	as Storage
At surface	SW NW	266	O' FSL,	407 <b>'</b>	FWL			M	N/ 11.	BEC., T., R	., м., он	BLOCK AND SURVEY
At top prod. int	terval repor	ted below				5 N NOT			"/G 1	0-2N-	-5E.	SLB&M
At total depth									1	0 211	Ju.,	DIDGII
				14. P	ERMIT NO.		DATE IS			COUNTY O	R	13. STATE
API #: 43-	-043-30	192 -	THE STREET, ST	>		ļ	12-	11-81	1 _	mmit	1	Utah
15. DATE SPUDDED	16. DATE	T.D. REAC	HED   17. DAT	E COMPL.	(Ready to	.		TIONS (DF, R			19. ELE	V. CASINGHEAD
12-10-81	1-6-			<del>-18-8</del> 2				63.60'	GR 56			_
20. TOTAL DEPTH, MD	♠ TVD 2	21. PLUG, B.	ACK T.D., MD &	TVD 2	2. IF MUL: HOW M.	TIPLE COMPL. ANY	.	23. INTERVA DRILLED	BY	ARY TOOL	.s	CABLE TOOLS
2380 24. PRODUCING INTER	PVAT (9) OF	232		BOMMON	NAME (N	(D AND MUD)		_ <del></del>	0-23	80	1 25 1	WAS DIRECTIONAL
at. Inducting Inter	AVAL(S), OF	INIS CON	IFLETIONTO	r, BUITUM	, NAME (R	ID AND IVD)	-					SURVEY MADE
217	78 <b>-</b> 2220	Ţ	Longwa <b>1</b> 1									No
26. TYPE ELECTRIC	ND OTHER	LOGS RUN									27. WAS	WELL CORED
DIL, BHO	HDT)	FIL,	FDC/CNL									Yes
28.			CAS	ING REC	ORD (Rep	ort all string	s set in 1	well)				
CASING SIZE	WEIGHT	r, LB./FT.	DEPTH SI	ET (MD)	нон	LE SIZE		CEMENT	ING RECORD			AMOUNT PULLED
13-3/8	54		132.		_	-1/2		220			_	0
9-5/8	36		1002.		_	-1/4		395			_	0
7	20		2371.	69	_ 8	-3/4		220			_	0
29.		7.73	ER RECORD		<u> </u>		1		mrines.			
SIZE	TOP (MD	<del></del>	TTOM (MD)	SACKS O	PARME	SCREEN (M	I-	SIZE		G RECOI		ACKER SET (MD)
	101 (112)			SACRS	EMENT	SCREEN (M	-	·	·			
				ļ				3-1/2	2150	• /5		2125.00
31. PERFORATION REC	ORD (Inter-	val, size a	nd number)	<del>'</del>		32.	ACID	, SHOT, FR	ACTURE, C	EMENT	SQUEE	ZE, ETC.
						DEPTH INT	TERVAL (	(MD)	AMOUNT A	ND KIND	OF MAT	TERIAL USED
2178-2220',	iet.	2 hole	s per fo	ot								
·			•									
						<u> </u>						
33.* DATE FIRST PRODUCT	ton I	PRODUCTI	ON METHOD (	Floening		OUCTION						Dundania an
						impiny—4126	ana syp	<i>շ Օյ <b>ք</b>առք</i> յ		shut-		Producing or
DATE OF TEST	HOURS TE		wing - G		JKAGE 'n. for	OIL—BÉL.		GAS-MCF.	97 A T	ERBBL.		Shut in
		İ			PERIOD		1	.,		555.	"	3 0.13 22.10
FLOW. TUBING PRESS.	CASING PI	RESSURE	CALCULATED 24-HOUR RAT	OIL—	-BBL.	GAS	MCF.	TAW I	ER—BBL.	<u> </u>	OIL GRAV	ITT-API (CORR.)
34. DISPOSITION OF G	AS (Sold as	ed for two	I nented at-					<u> </u>				
				,					TEST	WITNESS	ED BY	
Vented 35. LIST OF ATTACH	While i	<u>testin</u>	g	<u>-</u>				<del></del>				
Logs as a	a '											
36. I hereby certify	that the fo	oregoing a	nd attached i	nformatio	n is compl	lete and corre	ect as d	etermined fr	om all ava	ilable rec	cords	
SIGNED	ami	1/4	SIN	<b>T</b> I	ITLE D	irector,	Petr	coleum E	Engrg	DATE	Jan	. 25, 1982
		, <del></del>										

# INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on ttems 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Here 18: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State here 18: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Here 18: and its accordance with Federal requirements. All attachments and interval completed for separate production from more than one interval zone (multiple completion), so state in item 24; show the producing interval in the separate report (page) to this form, adequately identified, and diditional interval to be separately produced, showing the additional data periment to such interval.

Here 19: "Works Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing to this form, see large tementing to the separate completion report on this form for each interval to be separately produced.

TRUE VERT. DEPTH \$ 1, \$ 2. TOP MEAS. DEPTH GEOLOGIC MARKERS 2,262 2,298 0 2,115 Longwall top Kelvin top Log tops: Aspen top Frontier MAM 38. 37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSUEES, AND RECOVERIES DESCRIPTION, CONTENTS, ETC. 101 FORMATION



January 27, 1982

Mountain Fuel Supply Co. P.O. Box 11368 Salt Lake City, Utah 84139

Attn: Mr. Roger Fallon

Subject: Core Analysis Data; Coalville No. 8 Well; Summit County, Utah;

TTCS File No. 133

#### Gentlemen:

Diamond coring equipment and water base mud were used to obtain 4.0-inch diameter cores from the Frontier formation between 1959 and 2181 feet in the subject well. A representative of Terra Tek Core Services received the cores at your Coalville, Utah facility and transported them to our Salt Lake City laboratory. Per your request, routine full diameter (whole core) analysis was performed on the sand phase of core No. 6 only.

A surface core gamma log was recorded and is presented for correlation with downhole electrical surveys.

Residual fluid removal was accomplished by the Dean-Stark low temperature solvent extraction method. Porosities were determined by Boyle's law (helium) grain volumes and Archimedes (water) bulk volumes. Horizontal permeabilities to nitrogen were measured in a hassler sleeve using the flowing miniscus method to monitor downstream flow.

Data resulting from this analysis is tabulated on the following pages.

The cores are temporarily being stored in our Salt Lake City facility. We sincerely appreciate this opportunity to be of service.

Jack R. Good

Xerv trulv yours

Laboratory Director

JRG/mls

### MOUNTAIN FUEL SUPPLY CO.

Coalville Gas Storage Coalville No. 8 Well Summit County, Utah TTCS File No. 133



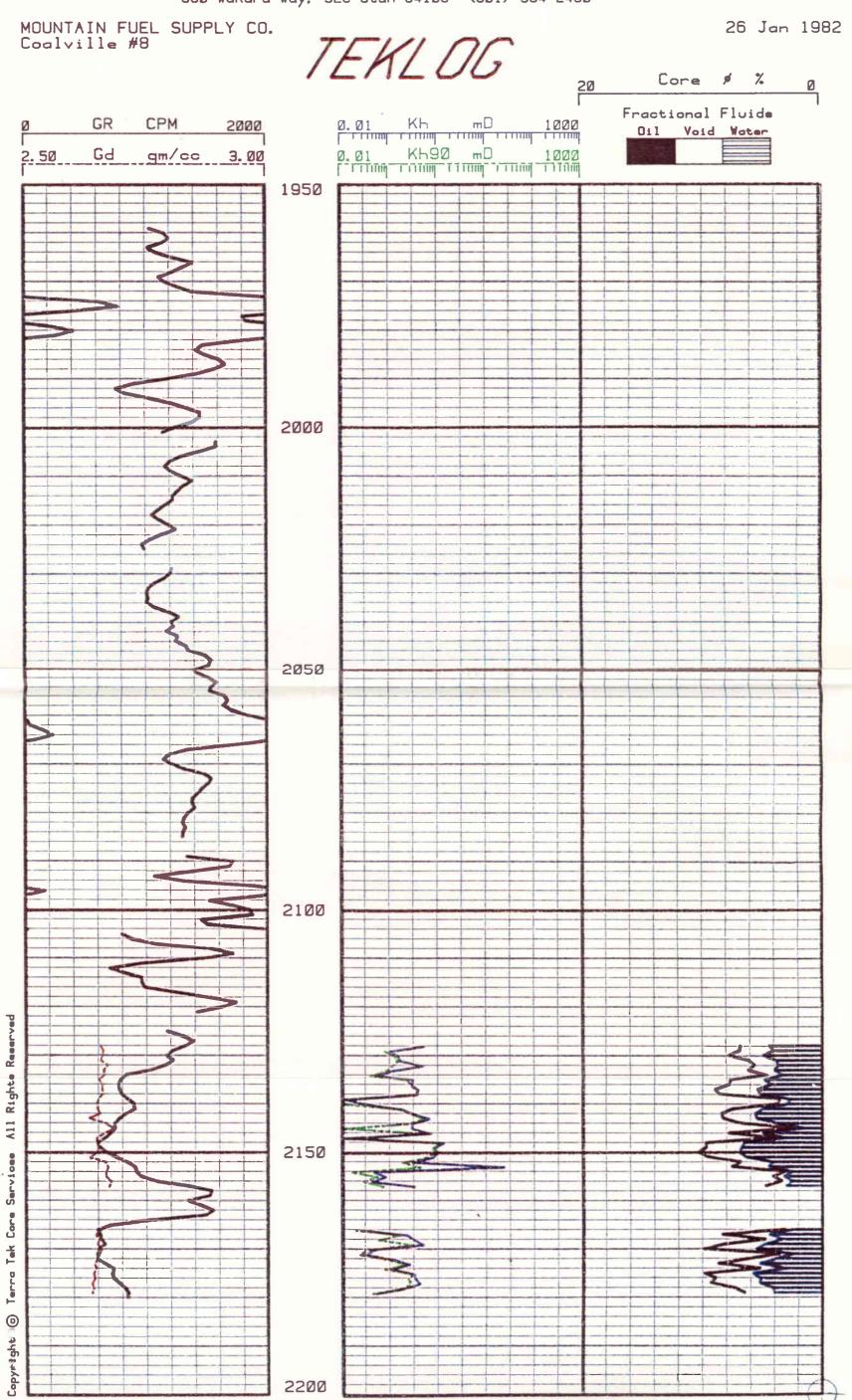
### DIVISION OF OIL, GAS & MINING

CORE NO.	INTERVAL	<u>FORMATION</u>		
1	1959-2003	Frontier		
2	2003-2029	Frontier		
3	2029-2087	Frontier		
4	2089-2105	Frontier		
5	2105-2125	Frontier		
6	2125-2181	Frontier		

# **\rightarrow**

### TERRA TEK CORE SERVICES INC.

360 Wakara Way, SLC Utah 84108 (801) 584-2480



#### TERRA TEK CORE SERVICES 360 Wakara Was, Salt Lake City, Utah 84108 (801) 584-2480

#### MOUNTAIN FUEL SUPPLY CO.

Coalville #8 Well:

State:

Utah Summit

26 Jan 1982 Date: TTCS File #: 133

Field: Drilling Fluid: Watter base gel - weighted Location: Sec. 10 T2N R5E

Coalville Gas Storage County:

Elevation:

5652 GL

#### DEAN-STARK FULL DIAMETER ANALYSIS

**** **** **** ****									
		Ferme	abilits	Porosits	Satu	ration	Grain	Litholosy	
Samele	Derth	Horz	Horz-90'		Oil	H20	Densits		
Number	(feet)	(mਰ)	(നർ)	(%)	(%)	(%)	(sm/cc)	•	

#### FRONTIER FORMATION

2	125.0 - 2128.0							SD, VFG, SLTY, SHY, LMY
1	2128.0-29.0	0.51	*	6.8	0.0	64.0	2.66	Sd,fg,slty,sl/carb vf
2	2129.0-30.0	0.10	0.08	6.9	0.0	58.1	2.66	Sd,fs,sltu,sl/carb
3	2130.0-31.0	0.15	0.13	7.8	0.0	62.6	2.66	Sd.fs.sltu.lmu.sl/carb
4	2131.0-32.0	0.16	0.15	6.1	0.0	62.5	2.66	Sd,f-mg,slts,sl/lms,sl/carb
5	2132.0-33.0	0.48+	0.11	5.6	0.0	64.6	2.67	Sd.f-mg.sltw.sl/lmw.sl/carb
á	2133.0-34.0	0.11	0.08	6.2	0.0	63.9	2.66	Sd,f-mg,sltg,lmg,sl/carb
7	2134.0-35.0	0.05	0.04	4.6	0.0	71.9	2.66	Sd,f-mg,slty,sl/lmy,sl/carb
8	2135.0-36.0	0.29	0.23	7.8	0.0	62.5	2.65	Sd,f-ms,slty,sl/lmy,sl/carb
9	2136.0-37.0	0.27	0.26	7.8	0.0	54.7	2.66	Sd,f-mg,slty,sl/lmy,sl/carb
10	2137.0-38.0	0.39	0.38	9.0	0.0	40.0	2.66	Sd.f-mg.sltu.sl/lmu.sl/carb
11	2138.0-39.0	0.35	0.33	8.6	0.0	59.7	2.66	Sd,f-ms,slty,sl/lmy,sl/carb
12	2139,0-40,0	0.01	<0.01	3.5	0.0	77.5	2.65	Sd:f-ma:sltu:lmu:sl/carb
13	2140.0-41.0	0.03	0.01	3.7	0.0	77.2	2.65	Sd,f-ms,slty,lmy,sl/carb
14	2141.0-42.0	0.17	0.16	7.6	0.0	66.2	2.65	Sd,f-ms,slts,sl/lms,sl/carb
15	2142.0-43.0	0.31	0.28	8.5	0.0	66+4	2.65	Sd.f-mg.slty.lmy.sl/carb
15	2143.0-44.0	0.45	0.49	8.3	0.0	66.0	2.63	Sd,f-ma,slts,sl/lms,carb

<sup>\*</sup> Flug permeability - sample not suitable for full diameter measurement

<sup>+</sup> Horizontal dehydration crack

### TERRA TEK CORE SERVICES

360 Wakara Way , Salt Lake City, Utah 84108 (801) 584-2480

MOUNTAIN FUEL SUPPLY CO. Well:

Coalville #8

Date: 26 Jan 1982 TTCS File #: 133

11: N	AND NAME OF THE PART OF THE PA	Fermeat	ilits	Parasity	Satu	ration	Grain	Litholosy
Samele	Derth	Horz	Horz-90'		0 i 1	H20	Density	
Number	Number (feet)	(៣៨)	(md)	(%)	(%)	(%)	(sm/cc)	
17	2144.0-45.0	0.27	0.23	6.9	0.0	53.2	2.66	Sd,f-mg,slty,sl/lmy,sl/carb
13	2145.0-46.0	0.27+	<0.01	2.3	0.0	64.8	2.68	Sd,fg,slty,lmy,sl/carb
19	2146.0-47.0	0.69	0.66	7.9	0.0	63.5	2.66	Sd,f-ma,sltu,lmu,sl/carb
20	2147.0-48.0	0.01	0.01	4.0	0.0	75.6	2.65	Sd,f-mg,slty,lmy,sl/carb
21	2148.0-49.0	1.3	1.0	9,8	0.0	67.2	2.65	Sd,f-mg,slty,sl/lmy,sl/carb
22	2149.0-50.0	0.80	0.76	9.8	0.0	68.9	2.65	Sd,f-ms,slty,sl/lmy,sl/carb
23	2150.0-51.0	0.94	0.81	10.5	0.0	66.6	2.65	Sd,f-mg,slty,sl/lmy,sl/carb
24	2151.0-52.0	0.75	0.55	9.5	0.0	66.6	2.63	Sd,f-mg,slty,sl/lmg,carb
25	2152.0-53.0	0.28	0.17	6.8	0.0	61.0	2.67	Sd.f-ms.slts.sl/lms.sl/carb
26	2153.0-54.0	23+	0.42	7+6	0.0	59.4	2.67	Sd,f-mg,slty,sl/lmy,sl/carb
27	2154.0-55.0	0.04	0.01	3.1	0.0	82.0	2.67	Sd,f-mg,slty,lmy,sl/carb
28	2155.0-56.0	0.08	0.05	4.2	0.0	77.4	2.67	Sd,f-mg,slty,lmy,sl/carb
29	2156.0-57.0	0.04	0.03	3.4	0.0	72.5	2.68	Sd,f-mg,slty,lmy,sl/carb vf
30	2157.0-58.0	0.31	0.07	4.8	0.0	63.3	2.67	Sd.f-me.slty.lmy.sl/carb vf
21	58.0 - 2166.0							SH,SD/LAH,SLTY,LMY
31	2166.0-67.0	0.03	0.02	3.1	0.0	81.5	2.66	Sd,f-ma,slty,lmy,sl/carb
32	2167.0-68.0	0.22	0.16	8.4	0.0	53.3	2.65	Sd,f-mg,sltu,lmu,sl/carb
33	2168.0-69.0	0.31	0.05	4.7	0.0	71.1	2.65	Sd,fg,slty,lmy,sl/carb vf
34	2169.0-70.0	0,47	0.29	8.2	0.0	59.0	2,65	Sd,fg,slts,lms,sl/carb
35	2170.0-71.0	0.05	0.03	10.0	0.0	55.6	2.66	Sd,f-mg,slty,lmy,sl/carb
35	2171.0-72.0	0.03	0.02	3.5	0.0	69.3	2.65	Sd,f-ma,slty,lmy,sl/carb
37	2172.0-73.0	0.11	0.08	6.3	0.0	61.6	2.65	Sd,f-ms,slty,lmy,sl/carb

<sup>+</sup> Horizontal dehadration crack

### TERRA TEK CORE SERVICES

360 Wakara Way , Salt Lake City, Utah B410B (801) 584-2480

MOUNTAIN FUEL SUPPLY CO.

Well: Coalville #8

Date: 26 Jan 1982

TTCS File #: 133

	Depth (feet)	Permeabilits		Parosits	Saturation		Grain	Litholosy
Sample Number		Horz (md)	Horz-90'	(%)	0il (%)	H20 (%)	Densits (sm/cc)	
38	2173.0-74.0	0.25	0.20	8.7	0.0	60.1	2.64	Sd,f~ms,slts,lms,sl/carb
39	2174.0-75.0	0.10	0.07	5.2	0.0	59.0	2.65	Sd,f-ms,slty,sl/lmy,sl/carb
40	2175.0-76.0	0.31	0.28	9.9	0.0	59.0	2.64	Sd,f-ms,slts,sl/lms,sl/carb
41	2176.0-77.0	0.32	0.23	8.9	0.0	58.3	2.64	Sd,f-ms,slty,sl/lmy,sl/carb
42	2177.0-78.0	0.40	0.26	9.4	0.0	56.2	2.64	Sd,f~ms,slts,sl/lms,sl/carb
43	2178.0-79.0	0.18	0.17	7.4	0.0	55.9	2.64	Sd.f-ma.sltu.sl/lmu.sl/carb
44 21	2179.0-80.0 80.0 - 2081.0	0.05	0.04	6.5	0.0	61.8	2.64	Sd,f~ms,slts,lms,sl/carb NOT RECOVERED

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or t	Coalville Gas Storage
1. TYPE OF WELL OIL WELL GAS WELL OTHER Gas Storage/Inject. Withdrawa	8. WELL NAME and NUMBER: Coalville 8
2. NAME OF OPERATOR:	9. API NUMBER:
Questar Pipeline Company	4304330192
3. ADDRESS OF OPERATOR: P.O. Box 45360 CITY SLC STATE UT ZIP 84145-0360 (801) 324-5555	10. FIELD AND POOL, OR WILDCAT: Coalville Gas Storage
4. LOCATION OF WELL  FOOTAGES AT SURFACE: 2660 FSL, 407 FWL	COUNTY: Summit
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW NW 10 2N 5E SLM	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REF	PORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ other: Name Change
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	ON
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, vol	lumes, etc.
Purpose is to inform of the change in name on the subject leases from Mountain Fuel Su	
Company. N/070 Wexpro Company	ny N 1540
Effective 3/7/1988	, -
Approved:	
Property Pro	
Property// R. J. Zobell Engineer Intle Manager, Engineer	ineering & Project Management
NAME (PLEASE PRINT)	g a r rojout managomont
SIGNATURE Legal ACT VP DATE	

(This space for State use only)

RECEIVED

JAN 1 3 2004

### **OPERATOR CHANGE WORKSHEET**

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

### X Operator Name Change

Merger

FROM: (Old Operator): N1070-Wexpro Company PO Box 45360 Salt Lake City, UT 84145-0360 Phone: 1-(801) 534-5267  CA No  WELL(S)		-	<del>,</del>	TO: ( New O N7560-Questa			· · · · · · · · · · · · · · · · · · ·	
PO Box 45360 Salt Lake City, UT 84145-0360 Phone: 1-(801) 534-5267 CA No		· · ·		N7560-Questa	- Dinalina Cam			
Salt Lake City, UT 84145-0360  Phone: 1-(801) 534-5267  CA No.				-	•	pany		
Phone: 1-(801) 534-5267  CA No.				PO Bo	x 11450			
CA No				Salt La	ke City, UT 84	147		
CA No								
WELL(S)	٠.	• • • • • • • • • • • • • • • • • • • •		Phone: 1-(801) <b>Unit:</b>		· · · · · · · · · · · · · · · · · · ·		
	_	1						
NAME	SEC	TWN	RNG	API NO		LEASE TYPE	WELL TYPE	WELL STATUS
COALVILLE GAS STORAGE 8	10	020N	050E	4304330192	99990		GS	A
COALVILLE GAS STORAGE 9	10	020N	050E	4304330193	99990	Fee	GS	A
COALVILLE GAS STORAGE 10	10	020N	050E	4304330244	99990	Fee	GS	Α
COALVILLE GAS STORAGE 12	09	020N	050E	4304330249	99990	Fee	GS	A
CLAY BASIN UNIT 5	20	030N	240E	4300915629	1025	Fee	GS	A
CLAY BASIN UNIT 3	16	030N	240E	4300915627	1025	State	GS	A
CLAY BASIN UNIT 27-S	16	030N		4300930018	1025		GS	A
CLAY BASIN UNIT 52-S	16	030N		4300930048	1025		GS	Α
CLAY BASIN UNIT 53-S	16	030N		4300930049	1025		GS	Α
CLAY BASIN UNIT 59-S	16	030N	240E	4300930055	1025		GS	A
CLAY BASIN UNIT 35-S	17	030N	240E	4300930026	1025	Federal	GS	A
CLAY BASIN UNIT 40-S	20	030N	240E	4300930031	1025	Federal	GS	A
CLAY BASIN UNIT 49-S	20	030N	240E	4300930045	1025	Federal	GS	Α
CLAY BASIN UNIT 2	21	030N	240E	4300915626	1025	Federal	GS	A
CLAY BASIN 24-S	21	030N	1	4300930015		Federal	GS	A
CLAY BASIN UNIT 25-S	21	030N	4	4300930016		Federal	GS	A
CLAY BASIN UNIT 26-S	21	030N		4300930017		Federal	GS	A
CLAY BASIN UNIT 33-S	21	030N	240E	4300930024	1025	Federal	GS	A
CLAY BASIN 30-S CLAY BASIN UNIT 33-S  OPERATOR CHANGES DOCUMENT Enter date after each listed item is completed  (R649-8-10) Sundry or legal documentation w	21 21	030N 030N ON	240E 240E	4300930019 4300930024	1025 1025	Federal Federal 1/13/200	GS GS	A
2. (R649-8-10) Sundry or legal documentation was.  The new company was checked on the Depart				•		1/13/200 abase on:	4	1/14/20
I. Is the new operator registered in the State of U	Jtah:		YES	Business Num	ber:	649172-014	<del>1</del> 2	

6.	(R649-9-2)Waste Management Plan has been received on:	IN PLACE	-
7.	Federal and Indian Lease Wells: The BLM and or the BI or operator change for all wells listed on Federal or Indian leases on:	• •	ed the merger, name change, 3/9/1989
8.	Federal and Indian Units:  The BLM or BIA has approved the successor of unit operator for v	vells listed on:	n/a
9.	Federal and Indian Communization Agreements ("C The BLM or BIA has approved the operator for all wells listed with		n/a
10	Underground Injection Control ("UIC" The Division has for the enhanced/secondary recovery unit/project for the water disposition.		
D	ATA ENTRY:		
1.	Changes entered in the Oil and Gas Database on:	1/29/2004	-
2.	Changes have been entered on the Monthly Operator Change Spre	ead Sheet on:	1/29/2004
3.	Bond information entered in RBDMS on:	1/29/2004	_
4.	Fee wells attached to bond in RBDMS on:	1/29/2004	_
5.	Injection Projects to new operator in RBDMS on:	n/a	_
<b>S</b> 7	TATE WELL(S) BOND VERIFICATION: State well(s) covered by Bond Number:	965003032	<del>-</del>
F1	EDERAL WELL(S) BOND VERIFICATION: Federal well(s) covered by Bond Number:	965002976	_
IN 1.	IDIAN WELL(S) BOND VERIFICATION: Indian well(s) covered by Bond Number:	n/a	-
	EE WELL(S) BOND VERIFICATION:		
1.	(R649-3-1) The <b>NEW</b> operator of any fee well(s) listed covered by F	Bond Number	965003033
2.	The <b>FORMER</b> operator has requested a release of liability from their The Division sent response by letter on:	bond on: N/A	N/A
	EASE INTEREST OWNER NOTIFICATION: (R649-2-10) The FORMER operator of the fee wells has been contact of their responsibility to notify all interest owners of this change on:	eted and informe 1/29/2004	d by a letter from the Division
CC	DMMENTS:		
_		······································	
_		_3.7 37	

#### **NEW ENTITY NUMBERS ASSIGNED FEBRUARY 2004**

ACCT	OPERATOR NAME	API NUM.	Sec	Twnshp	Rng	WELL NAME	ENTITY	EFF DATE	REASON
N7560	Questar Pipeline Co	4304310691	09	020N	050E	Coalville Gas Storage 1	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330005	10	020N	050E	Coalville Gas Storage 2	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330007	10	020N	050E	Coalville Gas Storage 3	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330009	10_	020N	050E	Coalville Gas Storage 4	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330011	10	020N	050E	Coalville Gas Storage 5	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330020	10	020N	050E	Coalville Gas Storage 6	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330021	10	020N	050E	Coalville Gas Storage 7	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330192	10	020N	050E	Coalville Gas Storage 8	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330193	10	020N	050E	Coalville Gas Storage 9	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330244	10	020N	050E	Coalville Gas Storage 10	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330249	09	020N	050E	Coalville Gas Storage 12	99990 to 14038	2/10/2004	Coalville Gas Storage

Note to file: These entity numbers were changed to compliment the operator correction from 3/7/98

Sundry Number: 29188 API Well Number: 43043301920000

			FORM 9						
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	ES .							
	5.LEASE DESIGNATION AND SERIAL NUMBER: FEE								
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:								
	oposals to drill new wells, significantly or reenter plugged wells, or to drill horizor n for such proposals.		7.UNIT or CA AGREEMENT NAME:						
1. TYPE OF WELL Gas Storage Well			8. WELL NAME and NUMBER: COALVILLE GAS STORAGE 8						
2. NAME OF OPERATOR: QUESTAR PIPELINE COMPAI	NY		9. API NUMBER: 43043301920000						
3. ADDRESS OF OPERATOR: P.O.Box 45360 , Salt Lake	city , UT, 84145 801 3:	PHONE NUMBER: 24-5061 Ext	9. FIELD and POOL or WILDCAT: COALVILLE GAS STORAGE						
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2660 FSL 0407 FWL			COUNTY: SUMMIT						
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 10 Township: 02.0N Range: 05.0E Merio	dian: S	STATE: UTAH						
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA						
TYPE OF SUBMISSION		TYPE OF ACTION							
	ACIDIZE	ALTER CASING	CASING REPAIR						
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME						
9/17/2012	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE						
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION						
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK						
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION						
SPUD REPORT									
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	LI TEMPORARY ABANDON						
_	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL						
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION						
	WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Replace Subsurface Safety Va						
	COMPLETED OPERATIONS. Clearly show a		lepths, volumes, etc.						
_	face safety valve (SSSV) insta		Approved by the						
	rly (i.e., the flapper was foun	• • •	Utah Division of Oil, Gas and Mining						
	fully pressured/energized). T		_						
	ssembly out, take the faulty S new SSSV. In addition, the p		Date: September 11, 2012						
	osion through a CPP (casing	•	Daniel Daniel						
	ition vertilog)survey and will b		ву:						
	PC is intending to perform the								
<b>'</b>	September-2012.	,							
	·								
NAME (PLEASE PRINT)	PHONE NUMBE	R TITLE							
Anie Gardner	801 324-5635	Reservoir Engineer							
SIGNATURE N/A		<b>DATE</b> 8/24/2012							

Sundry Number: 31168 API Well Number: 43043301920000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9					
[	5.LEASE DESIGNATION AND SERIAL NUMBER: FEE							
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:							
	posals to drill new wells, significantly dee reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME:					
1. TYPE OF WELL Gas Storage Well			8. WELL NAME and NUMBER: COALVILLE GAS STORAGE 8					
2. NAME OF OPERATOR: QUESTAR PIPELINE COMPAN			<b>9. API NUMBER:</b> 43043301920000					
3. ADDRESS OF OPERATOR: P.O.Box 45360 , Salt Lake (		ONE NUMBER: 5061 Ext	9. FIELD and POOL or WILDCAT: COALVILLE GAS STORAGE					
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2660 FSL 0407 FWL			COUNTY: SUMMIT					
QTR/QTR, SECTION, TOWNSH	tip, range, meridian: 10 Township: 02.0N Range: 05.0E Meridiar	n: S	STATE: UTAH					
11. CHECH	K APPROPRIATE BOXES TO INDICATE N	NATURE OF NOTICE, REPOR	T, OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION						
	ACIDIZE	ALTER CASING	CASING REPAIR					
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME					
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE					
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	New construction					
10/11/2012								
	OPERATOR CHANGE	PLUG AND ABANDON  RECLAMATION OF WELL SITE	☐ PLUG BACK ☐ RECOMPLETE DIFFERENT FORMATION					
SPUD REPORT Date of Spud:								
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON					
DRILLING REPORT	L TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL					
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION					
	WILDCAT WELL DETERMINATION	OTHER	OTHER: Replace Subsurface Safety Va					
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Set retrievable plug in existing production packer and pulled tubing with the damaged subsurface safety valve (SSSV). Ran Baker Atlas High Res. Vertilog to inspect casing and CPP log to check cathodic condition of the well. The 7" 20# K-55 casing has 2 joints with Class 2 defects (20-40%): at 1259'-1303' KBM and at 1954'-1999' KBM. Picked up redressed seal assembly and new SSSV and ran in on tubing. Pressure tested casing, tubing and seal assembly to 1000 psi. Tested good. Retrieved plug and returned well to storage service. Contact for technical inquiry: Anie Gardner (801) 324-5635								
NAME (PLEASE PRINT) Anie Gardner	<b>PHONE NUMBER</b> 801 324-5635	TITLE Reservoir Engineer						
SIGNATURE N/A		<b>DATE</b> 10/18/2012						